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CENTRAL FAX CENTER

AUG 23 2006

AMENDMENTS TO THE CLAIMS:

1-15. (Canceled)

16. (Currently Amended) An elevator door system an elevator car having a front face defining a door opening, the elevator door system comprising:
~~an elevator car having a front face defining a door opening;~~
at least one elevator door coupled to the front face of the elevator car for movement between an open position exposing the door opening and a closed position covering the door opening;
a first sheave and second sheave disposed ~~on~~ at the front face of the elevator car;
a belt forming a closed loop about the first and second sheaves wherein the door is ~~attached to~~ in operable communication with the belt;
at least one drive motor integrated onto one of the sheaves and disposed forwardly of the front face of the elevator car such that the drive motor is drivingly coupled to the belt for moving the elevator door between the open and closed positions; and
the drive motor having an axis of rotation perpendicular to a plane of the elevator door.

17. (Currently Amended) An elevator door system defined in claim 16, wherein the drive motor is mounted on the front ~~for~~ face of the elevator car and disposed between a lower edge and an upper edge of the elevator car.

18. (Currently Amended) An elevator door system as defined in claim 17, and further including a header bracket mounted on the front face of the elevator car between the lower edge and the upper edge of the elevator car, and wherein the at least one elevator door includes a hanger spaced frontwardly of the front face of the elevator car, and the drive motor is disposed ~~forwardly of the front face of the car and rearwardly of the~~ hanger.

19. (Previously Presented) An elevator door system as defined in claim 18, wherein the header bracket is disposed below the upper edge of the elevator car and generally above the door opening, the header bracket extending generally between first and second sides of the elevator car, and wherein the drive motor is mounted on the header bracket.

20. (Currently Amended) An elevator door system as defined in claim ~~18~~16, wherein the drive motor is disposed generally adjacent to a first side of the elevator car.

21. (Previously Presented) An elevator door system as defined in claim 16 wherein the belt defines upper and lower portions each extending between the first and second sheaves, and further comprising another door attached to the belt, one door attached to upper portion of the belt, and the other door attached to a lower portion of the belt such that the doors move in opposite directions relative to one another as the drive motor moves the belt about a portion of the closed loop.

22-38. (Canceled)

39. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is a permanent magnet motor.

40. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is a motor assembly including a ring torque motor.

41. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is a motor assembly including a cycloidal-gear and disc motor.

42. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is sized and mounted to the front face of the elevator car so as to not intrude into a hoistway space above or below the elevator car.

43. (Previously Presented) An elevator door system as defined in claim 16, wherein the belt is a single toothed belt.

44. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor includes a rotor and the rotor serves as the first sheave.

45. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is drivingly coupled to and disposed to a side of the first sheave.

46. (Previously Presented) An elevator door system as defined in claim 16, wherein the drive motor is flat.

47. (New) An elevator door system as defined in claim 16, wherein the elevator car includes a header bracket mounted to the elevator car and the drive motor is mounted to the header bracket.

48. (New) An elevator door system as defined in claim 47, wherein the header bracket is disposed generally above the door opening.

49. (New) An elevator door system as defined in Claim 47, wherein the header bracket is extends below the upper edge of the elevator car.

50. (New) An elevator door system as defined in Claim 47, wherein the header bracket extends generally between first and second sides of the elevator car.

51. (New) An elevator door system as defined in claim 47, wherein the header bracket further includes a roller track that extends along a length of the header bracket.

52. (New) An elevator door system as defined in claim 51, further comprising at least one roller engaged with the roller track and in operable communication with the at least one elevator door.

53. (New) An elevator door system as defined in claim 52, wherein the at least one elevator door includes a hangar and the roller is coupled to the hangar.

54. (New) An elevator door system for an elevator car having a front face defining a door opening, the elevator door system comprising:

at least one elevator door coupled to the front face of the elevator car for movement between an open position exposing the door opening and a closed position covering the door opening;

a sheave disposed at the front face of the elevator car;

a drive motor integrated onto the sheave and in operable communication with the at least one door, the drive motor is disposed forwardly of the front face of the elevator car; and

the drive motor having an axis of rotation perpendicular to a plane of the elevator door.

55. (New) The elevator door system as defined in claim 54, further comprising a second sheave disposed at the front face of the elevator car.

56. (New) The elevator door system as defined in claim 54, wherein the drive motor is sized and disposed at the front face of the elevator car so as to not intrude into a hoistway space above or below the elevator car.

57. (New) An elevator door system as defined in claim 54, wherein the drive motor is a permanent magnet motor.

58. (New) An elevator door system as defined in claim 54, wherein the drive motor is a motor assembly including a ring torque motor.

59. (New) An elevator door system as defined in claim 54, wherein the drive motor is a motor assembly including a cycloidal-gear and disc motor.

60. (New) An elevator door system as defined in claim 54, further comprising a belt forming a closed loop about the first and second sheaves wherein the door is in operable communication with the belt.

61. (New) An elevator door system as defined in claim 60, wherein the belt is a single toothed belt.

62. (New) An elevator door system as defined in claim 54, wherein the drive motor is flat.

63. (New) An elevator door system as defined in claim 54, wherein the elevator car includes a header bracket mounted to the elevator car and the drive motor is mounted to the header bracket.